CERES SCF STATUS

Description	July 14, 2004 Status	Problems
SUN Upgrades	No new updates.	
SGI Upgrades	No new updates.	
MAC Upgrades	No new updates.	
PC Upgrades	No new updates.	
Thunder, Lightning & Lanina	The AC failed in the computer room late the night of July 4 or early the morning of the 5th. This resulted in a motherboard failure in *lanina*, a sensor circuit board in *lightning*, and a disk drive on *thunder*. To date, everything has been repaired except for the sensor board in *lightning*, which is scheduled for replacement the morning of the 13th. The AC unit failed with a bad condenser motor and a bad capacitor. As of this reporting date (July 12), the parts have not yet come in. When they are received, a scheduled shutdown will take place to accommodate the repairs. Two additional disk drives were placed in service for the Inversion's group usage. They are mounted up as /CERES/inversion-mac-c and /CERES/inversion-mac-d. An additional drive is being configured for use by the Tisa group. It will be mounted as /CERES/tisa_avg-mac-c when it is fully configured. A test configuration was setup on the /ASDC-QA partition, to see if the use of the backend network would reduce or eliminate the time-outs and incomplete transfers from the ASDC to the automounted Mac disk drives. The tests showed promise of eliminating the NFS dropouts. The transfer of the system hosting these disk drives to the backend network is scheduled for this Tuesday (July 13). The CERES testbed OS/Compilers test schedule, as previously revised, is shown below. 1.) Inversion (Complete) Sandy has completed testing of the Inversion subsystem. No problems were reported. 2.) Instrument (Complete) Denise has completed testing of the Instrument subsystem. No problems were reported. 3.) Clouds (In progress) Walt is in the process of testing at this time. 4.) SARB (In progress) Scott is in the process of testing at this time.	

Description	July 14, 2004 Status	Problems
Thunder, Lightning & Lanina	5.) GGEO (In progress) Joe is in the process of testing at this time. 6.) TISA (Complete) Raja has completed testing. 7.) ERBELIKE (Complete) Dale has completed testing.	
Security	No new updates.	
Toolkit	No new updates. Prior Info: The latest tested version of the toolkit is version 2.9.v1.00. The latest version of the toolkit installed but not tested is version 2.10.v1.00. This chart reflects the latest tested version of the toolkit by the CERES subsystems. Software Version -------------- ------------- HDF-EOS 2.9v1.00 HDF-EOS 5.1.5 HDF 4.1r5 HDF 5-1.4.4 SDPTK 5.2.9v1.00 BRAND COMPILER ABI ISA ----------- ---------------- ----- -------- sgi f95 (NAG) 64 mips4 sgi32 f90 (SGI) n32 mips3 sgi64 f90 (SGI) 64 mips4	
DMSS Transfer	No new updates.	
CERESlib	No new updates.	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Thunder	Lightning	Lanina	ctb-g	Samantha[1]	Warlock	Darrin
System Type	Sun Fire V880	Origin 3800	Origin 3800	Origin 3800	Octane	Origin 2000	Origin 3800	Origin 2000
Operating System	Solaris 8	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.22m	IRIX64 6.5.18m	IRIX64 6.5.17m	IRIX64 6.5.22m
Fortran compilers	SUNWspro 4.0	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.4	7.3.1.3m	7.3.1.3m	7.4
Toolkit (default)	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1		TK5.2.7v1	TK5.2.7v1
Toolkit (other)		TK5.2.9v1	TK5.2.9v1	TK5.2.9v1	TK5.2.9v1		TK5.2.9v1	
Ada	N/A	1.3	1.3	1.3	1.3		1.3	1.3
IDL	5.6	5.5	5.5	5.5	5.5	5.5 (demo mode)	5.5	5.3
NAG fortran 95	1.0(439)	1.0(428)	1.0(428)	1.0(428)	1.0(428)	Removed	1.0(428)	1.0(428)
HDF	4.1.r3	4.1.r3	4.1.r3	4.1.r3	4.1.r3		4.1.r3	
Proposed upgrades	None	None	None	None	None	None	None	
Problems	None	None	None	None	None	None	None	None

1. New *samantha* (previously *trance*).

NOTES:

Currently the SCF is not able to backup all data stored on the SCF servers. On the SCF SGI servers: *thunder, lightning* and *lanina* the partitions ending with an "-" followed by a numeric number are currently being backed up on a regular schedule. The partitions ending with an "-" followed by an alpha character are considered scratch space and are not being backed up. Any data stored on these non-backed up partitions should be considered recoverable or reproducible from other sources.

Systems *warlock* and *samantha2* were merged into one system (*warlock*) on Tuesday, August 19.

All CERES processing was transitioned to *warlock*.

Date last updated (server info chart only): 07/12/04

Monday, July 12, 2004